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Will of St. 18	CENTRAL INTELLIGENCE AGENCY	REPORT NO.	051/44
lu.	INFORMATION REPORT	CD NO.	25X1A
DUNTRY 0	Germany (Russian Zone)		
	DR Material Shortages in the Manufacture	DATE DISTR. 13 May 1952	!
c	of Crankshafts	NO. OF PAGES 2	
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	The following information		25X
	and Ore Mining by Ifa VVF Gelenkwellenwe Stadtilm, Weimarische Str. 56 concerning shaft production program.	erk Thiringen	
	The Gelenkwellenwerk Thuringen reports to crarkshafts is scheduled to rise in labove the 1951 production level. The predictributed on the following basis:	.952 by 80 percent	
	of crarkshafts is scheduled to rise in l above the 1951 production level. The pr	952 by 80 percent roduction is to be	
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14 tons of 50 by 2.5 ms 95 tons of 70 by 4 ms 17 tons of 60 by 3 sm 7 tons of 70 by 2.5 ms 6 tons of 70 by 2.5 ms

It was impossible to procure these precision at sel pipes from West Germany in 1951 because of the stash entergo and the Galeskwellenwerk Thuringen was forced to use tiper of poster quality which were made available from the IDL internal reserves. In addition, shafts from wer-time production and used shafts were employed to enable the plant to neet is a production quotes. But she factory has been acrised by its central commistration, Ifa VVB, Chemnitz, and by Ifa/Lowa, Berlin, that the DNA internal reserves can no longer provide the desired paper. The plant directors further advice the Ministry for Smalting and Cla Mining that they informed the proper DDR authorities of the seriourness of the situation nearly two years ago without having received in the meantime any tangible results. They point out the difficulty of arousing enthusiasm among the factory varkers for fulfillment of the current production plan in view of the lack of material and emphasine the fact that a breakform in the delivery of crank-shafts can cause disturbances in the saddre motor bransport industry of the DDR as well as commomitent nonfulfillment of export agreements. The directors point out that after exhausting all supply possibilities, production of mantshafts can continue for approximately four to six weaks with the materials on hand, after which all production must come to a standstill1.

3. The Gelenkwellenwerk Couringen states that is examining methods whereby the shortage of steel pipes might be oversome, it has experimented with welded steel pipes. The factory recently received a few meters of welded pipe, DIN 2394, with dimensions of 50 by 1.5 mm, from the VEB Pipe and Rolling Mill; Chermitz. This pipe was subjected to various chemical and physical yests and was found to meet the quality requirements established by the factory. The Gelenkwellenwork Thuringen thereupon inquired of the Chemnitz Rolling Mill as to the possibilities of producing seamless drawn pipe in the larger dimensions required in the manufacture of crankshafts. Answer was received to the effect that while the Chemnitz Pips and Rolling Mill possessed the machinery required to produce the type of steel pipes destred, the manufacture of the larger papes was not possible because the Riesa Rolling Hill is currently producing term rolled band steel, necessary in pipe production, up to a maximum which of 198 mm. If the Gelenkwellemmerk Thüringen in to use the salded pipes supplied by the Chemnitz mill, the dimensions of the pipes will have to be changed as follows:

50	βŅ	1.5	mm	:	60	bу	1.,5	III
50	ρŢ	2.5	mn	<u>*</u>	60	$\mathbf{b}_{\mathbf{v}}$	2.0	m.
SC	0.7	3.0	mn	:	75	$b_{\mathbb{Z}^r}$	2.5	PT.
7C	6,7	4.0	mm.	:	90	b_{ν}^{r}	3.0	LATA
3C	by	6.0	HTA	:	1.20	$\mathfrak{b}_{\mathbb{S}'}$	3.0	133

This would necessitate having Riesz roll bank steel in within up to approximately 400 mm.

4. The Gelenkwellenwerk Thuringen ergently requests the limistry for Emelting and Ore Himing to intercede in this quantitie of amply since all previous efforts to produce the steel pipes through DIA-Metall have been unsuccessful. The directors of the Mactory are of the opinion that there is little hops of producing the pipes through normal import channels and believe that the shortage must be overcome by internal DEE Franchicon.